

ABSTRACT

A two-way wireless security system network includes a security system including condition sensors. The security system generates a first signal type according to a first signal protocol in response to a condition detected by the sensors. A two-way wireless communication subsystem is in communication with the system and includes a microprocessor for converting the first signal into standard over-the-air wireless protocol. A wireless interface unit transmits a second signal type corresponding to the standard over-the-air wireless protocol to a wireless communications carrier service and receives over-the-air data from the communications carrier service, convertible to instructions and conveyable to the security system. A computing device communicates with the wireless communications carrier service and includes a database table for converting the second signal type into a predefined signal format usable by a monitoring company and includes a conveyance device for conveying the predefined signal format to the identified monitoring company.